

Converting Colors

HunterLab(15.1849, 23.5480,
-46.6063)

Have a look what the booklet for
HunterLab(15.1849, 23.5480,
-46.6063) contains.

HunterLab(15.1866, 23.5669, -46.7141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.1866, 23.5669,
-46.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	30166D
RGB	48, 22, 109
RGB Percent	19%, 9%, 43%
CMY	0.8118, 0.9137, 0.5725
CMYK	0.56, 0.80, 0.00, 0.57
HSL	258°, 66%, 26%
HSV	258°, 80%, 43%
XYZ	4.2662, 2.3063, 14.6883
YIQ	39.6920, -12.4310, 32.5690

Conversions

Conversions Part 2

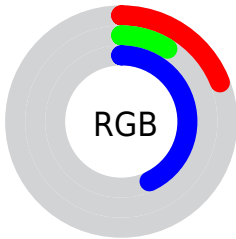
Format	Color
RYB	48, 22, 109
Decimal	3151469
CIELab	17.02, 35.37, -45.64
CIElCh	17, 57.744, 307.773
Yxy	2.3064, 0.2007, 0.1085
Android (android.graphics.Color)	4281341549 (0xFF30166D)
YUV	39.6920, 34.1688, 7.2861
Hunter-Lab	15.1866, 23.5669, -46.7141

Details

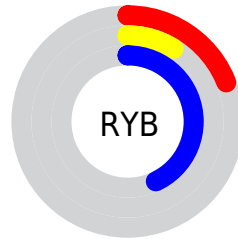
The HunterLab color **15.1866, 23.5669, -46.7141** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.8248, -16.9506, 20.5221**, and the grayscale version is **14.3634, -0.7664, 0.7804**.

A 20% lighter version of the original color is **30.7801, 26.5521, -45.5181**, and **5.7118, 15.4932, -40.5846** is the 20% darker color. If you saturate the color by 10%, you get **13.4319, 26.5990, -55.1217**, and if you desaturate by 10%, it is **17.3691, 20.0896, -38.3329**.

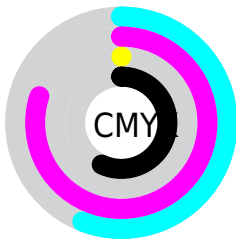
Distribution



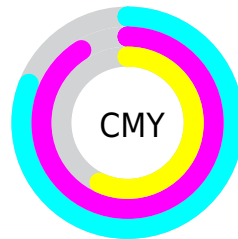
- Red (19%)
- Green (9%)
- Blue (43%)



- Red (19%)
- Yellow (9%)
- Blue (43%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1866, 23.5669, -46.7141 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 15.1866, 23.5669, -46.7141 by changing the saturation by 10% instead.

■ 15.1866, 23.5669,
-46.7141

■ 15.1866, 23.5669,
-46.7141

■ 109.2127, 33.7731,
-50.0694

■ 8.8152, 22.1122,
-50.7085

■ 30.9004, 26.6528,
-45.6027

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.0428, 28.0047,
-45.9995

0.0000, NaN, -NF

■ 49.9425, 29.2290,
-46.5988

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.5455, 30.3354,
-47.2866

0.0000, NaN, NaN

■ 71.8080, 31.3342,
-48.0036

0.0000, NaN, NaN

■ 83.6934, 32.2347,

0.0000, NaN, NaN

-48.7174

96.1706, 33.0454,
-49.4095

15.1866, 23.5669,
-46.7141

15.1866, 23.5669,
-46.7141

13.4319, 26.5990,
-55.1217

17.3691, 20.0896,
-38.3329

11.9464, 29.6075,
-63.9252

19.8918, 16.5346,
-30.5771

11.9187, 29.6747,
-64.1082

22.6826, 13.0755,
-23.6123

25.6864, 9.7680,
-17.3968

28.8630, 6.6136,
-11.8191

■ 32.1831, 3.5934,
-6.7602

■ 35.6248, 0.6839,
-2.1153

■ 39.1717, -2.1376,
2.2012

■ 42.8112, -4.8902,
6.2573

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.1868, 3.6671, -68.3890



15.1866, 23.5669, -46.7141



15.1868, 40.4872, -15.3425

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.1868, 23.5676, -46.7135



15.1868, 12.9661, 10.6308



15.1868, -21.9442, -3.7867

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.1866, 23.5669, -46.7141



35.8248, -16.9506, 20.5221

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.1868, -20.8652, 8.5836



15.1866, 23.5669, -46.7141



15.1868, -4.8240, 10.6308

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.1868, 23.5676, -46.7135



15.1868, 32.7777, 10.6308



15.1868, -15.6422, 10.6308



15.1868, -18.6245, -31.1509

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.1866, 23.5669, -46.7141



15.1868, 44.9474, -0.3791



15.1868, -15.6422, 10.6308



15.1868, -22.0839, 1.9410

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.1868, 23.5676, -46.7135



40.8898, 6.7477, -12.2512



27.6945, -7.9321, -14.0478



19.1507, 3.7823, -6.7981



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1868, 23.5676, -46.7135



16.4256, 38.2256, -82.7244



19.6447, 31.7556, -31.0055



17.5070, 0.2117, -0.8413



12.8444, 32.0505, -69.6377



28.2902, 71.7074, -162.0233

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.0939, 32.0933, -9.4408



26.2710, 47.4153, -11.2496



33.8579, -24.8675, 19.0986



17.7461, 0.9397, 0.1171



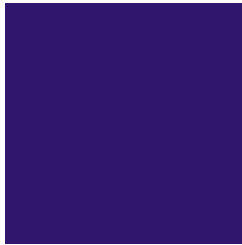
21.0133, 38.9024, -9.0298



47.2663, 87.2166, -18.0746

Previews

White Background



This preview shows how the HunterLab color 15.1866, 23.5669, -46.7141 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 15.1866, 23.5669, -46.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

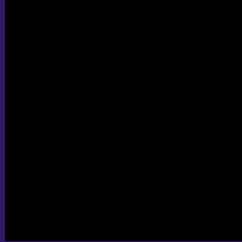
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.1866, 23.5669, -46.7141 Background



This preview shows how black text looks on a background with the HunterLab color 15.1866, 23.5669, -46.7141.



This preview shows how white text looks on a background with the HunterLab color 15.1866, 23.5669, -46.7141.

-46.7141.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.1866, 23.5669, -46.7141

Protanopia

15.3103, 2.9168, -25.4330

Deuteranopia

15.1966, -1.0971, -16.6261



Tritanopia

15.5045, -4.3523, -2.0619

Trichromacy



Original Color

15.1866, 23.5669, -46.7141

Protanomaly

14.6542, 9.6521, -34.6044

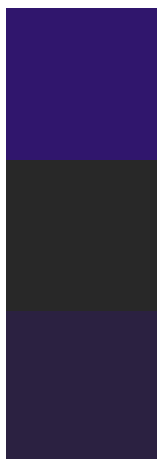
Deuteranomaly

14.3842, 6.8732, -28.1826

Tritanomaly

14.5539, 4.6848, -15.2350

Monochromacy



Original Color

15.1866, 23.5669, -46.7141

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.0818, 6.9740, -12.2572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1866, 23.5669, -46.7141 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(48, 22, 109)` looks like.

```
.text, #text, p{  
    color:rgb(48, 22, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(48, 22, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 22, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1866, 23.5669, -46.7141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 22, 109) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(48, 22, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(48, 22, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 22, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 22, 109);  
box-shadow:4px 4px 4px 4px rgb(48, 22,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.1866, 23.5669, -46.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 22, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(48, 22,  
109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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